

Please type a plus sign (+) inside this box → ☐

PTO/SB/05 (4/98)
Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. NC 83,068

First Inventor or Application Identifier Lyons et al.

Title METHOD TO PREPARE DEFECTIVE METAL OXIDES WITH INCREASED SPECIFIC CAPACITY

Express Mail Label No.

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages 13]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the invention
 - Brief Summary of the invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 3]
4. Oath or Declaration [Total Pages 16]
 - a. ☐ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 16 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

* NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

5. ☐ Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Copy
 - b. ☐ Paper Copy (identical to computer copy)
 - c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ 37 C.F.R. § 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
 - * Small Entity ☐ Statement filed in prior application, Status still proper and desired (PTO/SB/09-12)
13. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
14. ☐ Other:
15. ☐ Other:

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. _____

Prior application information: Examiner _____

Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the present application and is hereby incorporated by reference. The incorporation can only be relied upon when the information was not inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

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PATENT TRADEMARK OFFICE
(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

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State

D.C.

Zip Code

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Fax

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Name (Print/Type)

John J. Karasek

Registration No. (Attorney/Agent)

36,182

Signature

[Signature]

Date

1/16/02

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FEE TRANSMITTAL
for FY 2002

Patent fees are subject to annual revision.

Complete if Known

Application Number	not yet assigned
Filing Date	not yet assigned
First Named Inventor	Lyons et al.
Examiner Name	Not yet assigned
Group Art Unit	Not yet assigned
Attorney Docket No.	83,068

TOTAL AMOUNT OF PAYMENT (\$)**992.00**

METHOD OF PAYMENT		FEE CALCULATION (continued)																																																																																																																									
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to Deposit Account Number 50-0281 Deposit Account Name _____ <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status, See 37 CFR 1.27		3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105 130 205 65</td><td></td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127 50 227 25</td><td></td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139 130 139 130</td><td></td><td>Non-English specification</td><td></td></tr> <tr><td>147 2,520 147 2,520</td><td></td><td>For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>112 920* 11 2 920*</td><td></td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113 1,840* 113 1,840*</td><td></td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115 110 215 55</td><td></td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116 400 216 200</td><td></td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117 920 217 460</td><td></td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118 1,440 218 720</td><td></td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128 1,960 228 980</td><td></td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119 320 219 160</td><td></td><td>Notice of Appeal</td><td></td></tr> <tr><td>120 320 220 160</td><td></td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121 280 221 140</td><td></td><td>Request for oral hearing</td><td></td></tr> <tr><td>138 1,510 138 1,510</td><td></td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140 110 240 55</td><td></td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141 1,280 241 640</td><td></td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142 1,280 242 640</td><td></td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143 460 243 230</td><td></td><td>Design issue fee</td><td></td></tr> <tr><td>144 620 244 310</td><td></td><td>Plant issue fee</td><td></td></tr> <tr><td>122 130 122 130</td><td></td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123 50 123 50</td><td></td><td>Processing fee under 37 CFR 1.17(c)</td><td></td></tr> <tr><td>126 180 126 180</td><td></td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581 40 581 40</td><td></td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146 740 246 370</td><td></td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149 740 249 370</td><td></td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>179 740 279 370</td><td></td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169 900 169 900</td><td></td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="3">Other fee (specify) _____</td><td></td></tr> </tbody> </table>		Large Entity	Small Entity	Fee Description	Fee Paid	105 130 205 65		Surcharge - late filing fee or oath		127 50 227 25		Surcharge - late provisional filing fee or cover sheet		139 130 139 130		Non-English specification		147 2,520 147 2,520		For filing a request for ex parte reexamination		112 920* 11 2 920*		Requesting publication of SIR prior to Examiner action		113 1,840* 113 1,840*		Requesting publication of SIR after Examiner action		115 110 215 55		Extension for reply within first month		116 400 216 200		Extension for reply within second month		117 920 217 460		Extension for reply within third month		118 1,440 218 720		Extension for reply within fourth month		128 1,960 228 980		Extension for reply within fifth month		119 320 219 160		Notice of Appeal		120 320 220 160		Filing a brief in support of an appeal		121 280 221 140		Request for oral hearing		138 1,510 138 1,510		Petition to institute a public use proceeding		140 110 240 55		Petition to revive - unavoidable		141 1,280 241 640		Petition to revive - unintentional		142 1,280 242 640		Utility issue fee (or reissue)		143 460 243 230		Design issue fee		144 620 244 310		Plant issue fee		122 130 122 130		Petitions to the Commissioner		123 50 123 50		Processing fee under 37 CFR 1.17(c)		126 180 126 180		Submission of Information Disclosure Stmt		581 40 581 40		Recording each patent assignment per property (times number of properties)		146 740 246 370		Filing a submission after final rejection (37 CFR § 1.129(a))		149 740 249 370		For each additional invention to be examined (37 CFR § 1.129(b))		179 740 279 370		Request for Continued Examination (RCE)		169 900 169 900		Request for expedited examination of a design application		Other fee (specify) _____			
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SUBMITTED BY

Name (Print/Type)	John J. Karasek	Registration No. (Attorney/Agent)	36,182	Telephone	202-404-1552
Signature				Date	1/16/02

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204625-0110

PATENT APPLICATION
Navy Case No. 83,068

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application:
Lyons et al.

For: "METHOD TO PREPARE DEFECTIVE METAL OXIDES WITH INCREASED
SPECIFIC CAPACITY"

NOTICE OF FILING WITHOUT OATH OR DECLARATION BY APPLICANT

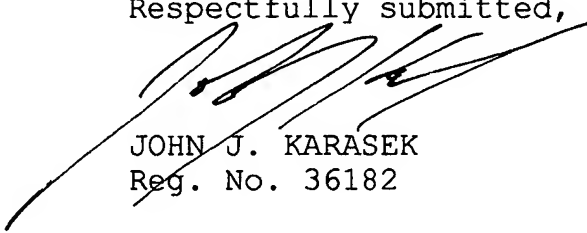
Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

Please take notice that this application is being filed pursuant to 37 C.F.R. 153(d) without the oath or declaration of the Applicants. This is being done to secure an early filing date.

Upon the Notice from the Patent Office required by 1.53(d), Applicants will file the required oath or declarations, and pay the surcharge as set forth in 37 C.F.R. 1.16(e).

Respectfully submitted,


JOHN J. KARASEK
Reg. No. 36182

JJK/bsp

10046295-011602

PATENT APPLICATION
Navy Case No. 83,068

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION FOR LETTERS PATENT

TO ALL WHOM IT MAY CONCERN:

BE IT KNOWN THAT Karen Swider Lyons and Debra R. Rolison who are citizens of the United States of America, and are residents of, Arlington, VA, invented certain new and useful improvements in "METHOD TO PREPARE DEFECTIVE METAL OXIDES WITH INCREASED SPECIFIC CAPACITY" of which the following is a specification:

Please Contact Preparer:
Stephen T. Hunnius
Reg. No. 48,304
Tel: 202-404-1558

2025-01-16 10:46:29